

Juniper Monitors the Datacentre With Contrail

Written by Frederick Douglas
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Juniper adds network, server and workload monitoring, analytics and troubleshooting with Contrail Insights, a means to provide historical and real-time visibility while cutting through layers of infrastructure.



Part of the Contrail Enterprise Multicloud solution, Contrail Insights adds provides fully integrated analytics to the single pane of glass, making for a seamless user experience with deep insight and visibility into datacentre network overlay-underlay correlation and multi-tenant resource usage. Machine learning-fed historical data and real-time streaming telemetry offer service-level and fine-grained observability, with a topology heatmap allowing operators to see the entire datacentre and easily inspect localised issues.

A top-N or "top talkers" query engine allows operators to find issues such as hotspots, microbursts, monopolised resources and noisy neighbours in a multi-tenant or shared private cloud environments. Coupled with drill-down query filtering and a tie-in to topological path finding, such diagnostics enable engineers to proactively mitigate issues like network congestion and resource contention. Finally, a path finding feature illuminates the topology heatmap to pinpoint problems during troubleshooting and solve elusive issues.

"We are excited to offer customers a comprehensive Contrail solution with the addition of

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Contrail Insights," Juniper says. "Cloud frameworks within data centers have provided tremendous infrastructure automation, but also bring about added operational complexity. We have designed Contrail Insights to bring visibility to troubleshooting and analytics issues faced today with powerful tools for discovery and analysis through all layers of the network."

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